Amendments to the Claims

and

Listing of Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1-7 are amended.

1. (currently amended) A method of determining a composition of an infusion line, comprising:

classifying components for forming the infusion line into unit groups comprising a spike unit group, a main tube unit group, an injection device unit group, an infusion filter unit group, and a one-way valve unit group,

providing plural kinds of units for each unit group according to different specifications, each unit being ~~formed of one or more components having~~ configured to be of standardized ~~shapes and sizes~~ shape and size so that a single size connector is capable of connecting the plural kinds of units together ~~that are combined based on a function of the respective unit~~,

determining a combination of the unit groups by allowing the spike unit group and the main tube unit group to be indispensable and selecting at least one of the unit groups from the remaining unit groups,

determining an arrangement of the selected unit groups, with the spike unit group being positioned at one end thereof,

selecting at least one kind of the units from each of the unit groups based on the determined combination, and

combining the selected units according to the determined arrangement to compose the infusion line, with the end on the distal side relative to the selected spike unit being composed of a connector used for a connection to a member for access to a patient.

2. (previously presented) The method of determining a composition of the infusion line according to claim 1, wherein the unit groups further comprise an extension tube unit group, and

when the extension tube unit group is determined to be included as one of the unit groups composing the infusion line, the arrangement of the selected unit groups is determined with the extension tube unit group being positioned at the end on the distal side relative to the selected spike unit.

3. (previously presented) The method of determining a composition of the infusion line according to claim 2, wherein the combination of the unit groups is determined with the extension tube unit group being included in the indispensable units.

4. (previously presented) The method of determining a composition of the infusion line according to claim 1, the unit groups further comprising an extension tube unit group, wherein

the selected spike unit has a function of connecting the infusion line to a supply source of a medical fluid via a spike,

the selected main tube unit is connected to the selected spike unit and has a function of being used for adjusting a length between the selected spike unit and another unit positioned on a patient side,

the extension tube unit group is determined to be included as one of the unit groups composing the infusion line,

the injection device unit group is determined to be included as one of the unit groups composing the infusion line and the selected injection device unit is positioned between the selected main tube unit and the selected extension tube unit and has a function of being used for injecting the medical fluid or collecting blood,

the infusion filter unit group is determined to be included as one of the unit groups composing the infusion line and the selected infusion filter unit is positioned between the selected main tube unit and the selected extension tube unit and has a function of being used for removing foreign substances,

the one-way valve unit group is determined to be included as one of the unit groups composing the infusion line and the selected one-way valve unit is positioned on the opposite

side of the selected spike unit with respect to the selected main tube unit and adjacent to the selected injection device unit and has a function of preventing a back flow of an infusion fluid.

5. (previously presented) The method of determining a composition of the infusion line according to claim 2, wherein

the selected spike unit is positioned at an end portion on a medical fluid side of the infusion line and has a function of connecting the infusion line to a supply source of a medical fluid via a spike,

the selected main tube unit is connected to the spike unit and has a function of being used for adjusting a length between the spike unit and another unit positioned on a patient side,

the injection device unit group is determined to be included as one of the unit groups composing the infusion line and the selected injection device unit is positioned between the selected main tube unit and the selected extension tube unit and has a function of being used for injecting the medical fluid or collecting blood,

the infusion filter unit group is determined to be included as one of the unit groups composing the infusion line and the selected infusion filter unit is positioned between the selected main tube unit and the selected extension tube unit and has a function of being used for removing foreign substances,

the one-way valve unit group is determined to be included as one of the unit groups composing the infusion line and the selected one-way valve unit is positioned between the selected main tube unit and the selected extension tube unit and adjacent to the injection device unit and has a function of preventing a back flow of an infusion fluid, and

the selected extension tube unit is positioned at an end portion on the patient side and has a function of allowing the infusion line to be held at hand of the patient easily.

6. (previously presented) The method of determining a composition of the infusion line according to claim 1,

wherein as the components for forming the units belonging to each unit group,

the spike unit includes a spike and a drip chamber,

the main tube unit includes a tube, a clamp for controlling flow rate, and a connector,

the injection device unit includes a connector and at least one of an injection port and a three-way stop cock,

the infusion filter unit includes an I-V filter, a tube for connection, and a connector, and

the one-way valve unit includes a one-way valve and a connector.

7. (previously presented) The method of determining a composition of the infusion line according to claim 2,

wherein as the components for forming the units belonging to each unit group,

the spike unit includes a spike and a drip chamber,

the main tube unit includes a tube, a clamp for controlling flow rate, and a connector,

the injection device unit includes a connector and at least one of an injection port and a three-way stop cock,

the infusion filter unit includes an I-V filter, a tube for connection, and a connector,

the one-way valve unit includes a one-way valve and a connector, and

the extension tube unit includes a tube and a connector.